

Mylar® A (48 guage)

Polyethylene Terephthalate
DuPont Teijin Films U.S.

Message:

Mylar Type A films have balanced tensile properties and excellent resistance to moisture and most chemicals. They can withstand temperature extremes from -94 to 302°F. Mylar does not become brittle with age under normal conditions, because it contains no plasticizers.

General Information			
UL YellowCard	E93687-252918		
Features	General Purpose		
	Good Adhesion		
	Good Chemical Resistance		
	Good Processability		
	Good Thermal Stability		
	Good Toughness		
	Moisture Resistant		
	Non-Smooth Surface Finish		
Uses	Carbon Ribbons		
	Film		
	Labels		
	Liners		
	Protective Coverings		
	Tape		
Appearance	Clear/Transparent		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Density	1.39	g/cm ³	ASTM D1505
Molding Shrinkage			ASTM D955
Flow : 0.0119 mm	2.0	%	
Across Flow : 0.0119 mm	1.0	%	
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	12	µm	
Tensile Strength			ASTM D882
MD : Yield	179	MPa	
TD : Yield	221	MPa	
Tensile Elongation			ASTM D882
MD : Break	110	%	
TD : Break	70	%	

Optical	Nominal Value	Unit	Test Method
Haze	4.0	%	ASTM D1003

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